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Term	Documents
GRADIENT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	164346
GRADIENTS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	38887
(19 AND GRADIENT).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0
(L19 AND GRADIENT).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0

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IBM Technical Disclosure Bulletins

**Search:**

L21

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L21</u>	L19 and gradient	0	<u>L21</u>
<u>L20</u>	L19 and ((magnetic adj resonance) or MRI or NMR)	0	<u>L20</u>
<u>L19</u>	(fus\$4 with slice with image)	9	<u>L19</u>
<u>L18</u>	L17 and (in-plane or "in plane" or inplane)	5	<u>L18</u>
<u>L17</u>	L16 and ((magnetic adj resonance) or MRI or NMR)	49	<u>L17</u>
<u>L16</u>	L15 and (gradient)	56	<u>L16</u>
<u>L15</u>	L14 and (reslov\$4 or resolution)	143	<u>L15</u>
<u>L14</u>	L13 and ((form\$6 or display\$4) with image)	211	<u>L14</u>
<u>L13</u>	L12 and (90 or orthogonal\$2 or perpendicula\$2)	274	<u>L13</u>
<u>L12</u>	L11 and (image)	391	<u>L12</u>
<u>L11</u>	L10 and ((registering or combin\$8 or merg\$4) with slice)	663	<u>L11</u>
<u>L10</u>	((plurality or multi or multiple or group) with slice)	5463	<u>L10</u>
<u>L9</u>	L8 and (band or region)	1	<u>L9</u>
<u>L8</u>	L7 and (spectra or spectral or spectrum)	2	<u>L8</u>
<u>L7</u>	L6 and (("same" or identical or match\$4 or equal oe equivalent) with (resolv\$4 or resolution))	3	<u>L7</u>
<u>L6</u>	L5 and (orthogonal\$2 or perpendicular\$2)	7	<u>L6</u>
<u>L5</u>	L4 and (low\$4 with (resolv\$4 or resolution))	9	<u>L5</u>
<u>L4</u>	L3 and (high\$4 with (resolv\$4 or resolution))	51	<u>L4</u>
<u>L3</u>	L2 and (resolv\$4 or resolution)	88	<u>L3</u>
<u>L2</u>	L1 and ((combin\$4 or merg\$4 or fus\$4) with slice)	164	<u>L2</u>
<u>L1</u>	((magnetic adj resonance) or MRI or NMR)	125605	<u>L1</u>

END OF SEARCH HISTORY

# WEST

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Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 6251362 B1

L19: Entry 1 of 9

File: USPT

Jun 26, 2001

US-PAT-NO: 6251362

DOCUMENT-IDENTIFIER: US 6251362 B1

TITLE: Method of establishing the optimal radiation dose

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wahl; Richard L.	Ann Arbor	MI		
Zasadny; Kenneth R.	Wyandotte	MI		

US-CL-CURRENT: 424/1.11; 424/1.49, 600/1, 600/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6249347 B1

L19: Entry 2 of 9

File: USPT

Jun 19, 2001

US-PAT-NO: 6249347

DOCUMENT-IDENTIFIER: US 6249347 B1

TITLE: Method and system for high speed measuring of microscopic targets

DATE-ISSUED: June 19, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Svetkoff; Donald J.	Ann Arbor	MI		
Kilgus; Donald B. T.	Brighton	MI		
Lin; Warren	Simi Valley	CA		
Ehrmann; Jonathan S.	Sudbury	MA		

US-CL-CURRENT: 356/237.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6181425 B1

US-PAT-NO: 6181425

DOCUMENT-IDENTIFIER: US 6181425 B1

TITLE: Method and system for high speed measuring of microscopic targets

DATE-ISSUED: January 30, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Svetkoff; Donald J.	Ann Arbor	MI		
Kilgus; Donald B. T.	Brighton	MI		
Lin; Warren	Simi Valley	CA		
Ehrmann; Jonathan S.	Sudbury	MA		

US-CL-CURRENT: 356/603; 250/559.23, 250/559.31, 702/159

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 4. Document ID: US 6178220 B1

L19: Entry 4 of 9

File: USPT

Jan 23, 2001

US-PAT-NO: 6178220

DOCUMENT-IDENTIFIER: US 6178220 B1

TITLE: CT systems with oblique image planes

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freundlich; David	Haifa			ILX
Zaslavsky; Alex	Nesher			ILX
Ruimi; David	Natanya			ILX

US-CL-CURRENT: 378/4; 378/15, 378/17, 378/94

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 5. Document ID: US 6177998 B1

L19: Entry 5 of 9

File: USPT

Jan 23, 2001

US-PAT-NO: 6177998

DOCUMENT-IDENTIFIER: US 6177998 B1

TITLE: Method and system for high speed measuring of microscopic targets

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Svetkoff; Donald J.	Ann Arbor	MI		
Kilgus; Donald B. T.	Brighton	MI		
Lin; Warren	Simi Valley	CA		
Ehrmann; Jonathan S.	Sudbury	MA		

US-CL-CURRENT: 356/623; 250/559.23, 250/559.31, 702/159

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 6. Document ID: US 6098031 A

L19: Entry 6 of 9

File: USPT

Aug 1, 2000

US-PAT-NO: 6098031

DOCUMENT-IDENTIFIER: US 6098031 A

TITLE: Versatile method and system for high speed, 3D imaging of microscopic targets

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Svetkoff; Donald J.	Ann Arbor	MI		
Kilgus; Donald B. T.	Ann Arbor	MI		

US-CL-CURRENT: 702/159; 250/559.23, 250/559.31, 356/611

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 7. Document ID: US 6022521 A

L19: Entry 7 of 9

File: USPT

Feb 8, 2000

US-PAT-NO: 6022521

DOCUMENT-IDENTIFIER: US 6022521 A

TITLE: Method of establishing the optimal radiation dose for radiopharmaceutical treatment of disease

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wahl; Richard L.	Ann Arbor	MI		
Zasadny; Kenneth R.	Wyandote	MI		

US-CL-CURRENT: 424/1.49; 424/1.11, 604/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 8. Document ID: US 4837732 A

L19: Entry 8 of 9

File: USPT

Jun 6, 1989

US-PAT-NO: 4837732

DOCUMENT-IDENTIFIER: US 4837732 A

TITLE: Method and apparatus for the three-dimensional registration and display of prepared teeth

DATE-ISSUED: June 6, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brandestini; Marco	8702 Zollikon			CHX
Moermann; Werner H.	8053 Zurich			CHX

US-CL-CURRENT: 433/29; 356/604, 433/223

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 9. Document ID: GB 2181296 A, AU 8662778 A, GB 2181296 B, US 4853020 A, US 4912314 A

L19: Entry 9 of 9

File: DWPI

Apr 15, 1987

DERWENT-ACC-NO: 1987-103415

DERWENT-WEEK: 198715

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TITLE: Channel electron multiplier mfg. method for image tube - having fibre bundles and support fibres fuse together in tube by heating then sliced into wafers

INVENTOR: SINK, R A

PRIORITY-DATA: 1985US-0781842 (September 30, 1985), 1989US-0356103 (May 24, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB 2181296 A	April 15, 1987		005	
AU 8662778 A	April 2, 1987		000	
GB 2181296 B	May 9, 1990		000	
US 4853020 A	August 1, 1989		005	
US 4912314 A	March 27, 1990		000	

INT-CL (IPC): C03C 25/06; H01J 9/24; H01J 40/14; H01J 43/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

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Term	Documents
FUS\$4	0
FUS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	685
FUSA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	110
FUSAAKI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	144
FUSAAV.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
FUSAB.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
FUSABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1451
FUSABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	24
FUSACC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
FUSACE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
((FUS\$4 WITH SLICE WITH IMAGE)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	9

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BANDS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	154050
REGION.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1115170
REGIONS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	480615
(8 AND (BAND OR REGION)). USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1
(L8 AND (BAND OR REGION)). USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L9</u>	L8 and (band or region)	1	<u>L9</u>
<u>L8</u>	L7 and (spectra or spectral or spectrum)	2	<u>L8</u>
<u>L7</u>	L6 and (("same" or identical or match\$4 or equal oe equivalent) with (resolv\$4 or resolution))	3	<u>L7</u>
<u>L6</u>	L5 and (orthogonal\$2 or perpendicular\$2)	7	<u>L6</u>
<u>L5</u>	L4 and (low\$4 with (resolv\$4 or resolution))	9	<u>L5</u>
<u>L4</u>	L3 and (high\$4 with (resolv\$4 or resolution))	51	<u>L4</u>
<u>L3</u>	L2 and (resolv\$4 or resolution)	88	<u>L3</u>
<u>L2</u>	L1 and ((combin\$4 or merg\$4 or fus\$4) with slice)	164	<u>L2</u>
<u>L1</u>	((magnetic adj resonance) or MRI or NMR)	125605	<u>L1</u>

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☐ 1. Document ID: US 5786692 A

L5: Entry 1 of 9

File: USPT

Jul 28, 1998

US-PAT-NO: 5786692

DOCUMENT-IDENTIFIER: US 5786692 A

TITLE: Line scan diffusion imaging

DATE-ISSUED: July 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maier; Stephan E.	Brookline	MA		
Gudbjartsson; Hakon	Brookline	MA		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 5761331 A

L5: Entry 2 of 9

File: USPT

Jun 2, 1998

US-PAT-NO: 5761331

DOCUMENT-IDENTIFIER: US 5761331 A

TITLE: Method and apparatus for tomographic imaging and image reconstruction using recombinant transverse phase differentials

DATE-ISSUED: June 2, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark, III; William T.	Folsom	LA		

US-CL-CURRENT: 382/131; 378/4, 382/132, 382/254

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 5711300 A

L5: Entry 3 of 9

File: USPT

Jan 27, 1998

US-PAT-NO: 5711300  
DOCUMENT-IDENTIFIER: US 5711300 A

TITLE: Real time in vivo measurement of temperature changes with NMR imaging

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schneider; Erika	Rexford	NY		
Cline; Harvey Ellis	Schenectady	NY		
Watkins; Ronald Dean	Schenectady	NY		
Washburn; Sheila Srinivasan	New Berlin	WI		
Hardy; Christopher Judson	Schenectady	NY		

US-CL-CURRENT: 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 4. Document ID: US 5517118 A

L5: Entry 4 of 9

File: USPT

May 14, 1996

US-PAT-NO: 5517118  
DOCUMENT-IDENTIFIER: US 5517118 A

TITLE: Subslicing for remotely positioned MRI

DATE-ISSUED: May 14, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crowley; Christopher W.	San Diego	CA		
Rose, Jr.; Freeman H.	Del Mar	CA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 5447155 A

L5: Entry 5 of 9

File: USPT

Sep 5, 1995

US-PAT-NO: 5447155  
DOCUMENT-IDENTIFIER: US 5447155 A

TITLE: High temporal resolution black blood cine imaging

DATE-ISSUED: September 5, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nessaiver; Moriel S.	Cleveland Heights	OH		
Murdoch; James B.	Solon	OH		

US-CL-CURRENT: 600/410; 600/413, 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 6. Document ID: US 5349292 A

L5: Entry 6 of 9

File: USPT

Sep 20, 1994

US-PAT-NO: 5349292

DOCUMENT-IDENTIFIER: US 5349292 A

TITLE: Magnetic resonance imaging apparatus

DATE-ISSUED: September 20, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sugiura; Satoshi	Ootawara			JPX

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 7. Document ID: US 5261404 A

L5: Entry 7 of 9

File: USPT

Nov 16, 1993

US-PAT-NO: 5261404

DOCUMENT-IDENTIFIER: US 5261404 A

TITLE: Three-dimensional mammal anatomy imaging system and method

DATE-ISSUED: November 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mick; Peter R.	Kinnelon	NJ	07405	
Savet; Mark	New York	NY	10022	

US-CL-CURRENT: 600/425; 128/916, 600/160

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 8. Document ID: US 5245282 A

L5: Entry 8 of 9

File: USPT

Sep 14, 1993

US-PAT-NO: 5245282  
DOCUMENT-IDENTIFIER: US 5245282 A

TITLE: Three-dimensional magnetic resonance imaging

DATE-ISSUED: September 14, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mugler, III; John P.	Charlottesville	VA		
Brookeman; James R.	Charlottesville	VA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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☐ 9. Document ID: US 5225779 A

L5: Entry 9 of 9

File: USPT

Jul 6, 1993

US-PAT-NO: 5225779  
DOCUMENT-IDENTIFIER: US 5225779 A

TITLE: Hybrid magnetic aresonance spatial and velocity imaging

DATE-ISSUED: July 6, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Parker; Dennis L.	Centerville	UT		
Blatter; Duane D.	Salt Lake City	UT		

US-CL-CURRENT: 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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Term	Documents
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LOW.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2922917
LOWA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	42
LOWABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	15
LOWAC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	10
LOWACID.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
LOWACK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13
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LOWADDR.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
(L4 AND (LOW\$4 WITH (RESOLV\$4 OR RESOLUTION))).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	9

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